11-21-01 A

Patent Application Transmittal
(only for new nonprovisional applications under 37 C.F.R. 1.53(b))
Correspondence Address:
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Date: ___November 19, 2001___
Attorney Docket No.: ___450117-03690___

OFFICE OF INITIAL PATENT EXAMINATION
2900 Crystal Drive
Arlington, VA 22202

Sir:

With reference to the filing in the United States Patent and Trademark Office
of an application for patent in the name(s) of:

Ralf BÖHNKE, Seiichi IZUMI

entitled:

ADAPTIVE SUBCARRIER LOADING

The following are enclosed:
X   Specification (25 pages)
X   11   Sheet(s) of Drawings
X   17   Claim(s) (including ___3___ independent claim(s))
___   This application contains a multiple dependent claim

X   Our check for ___$ 780.00___, calculated on the basis of the claims as
amended by any enclosed preliminary amendment as follows:

Basic Fee, $740.00 ($370.00) . . . . $ 740.00
Number of Claims in excess of 20 at $18.00 ($9.00) each: . . . . . .   -0-
Number of Independent Claims in excess of 3 at $84.00 ($42.00) each: .   -0-
Multiple Dependent Claim Fee at $280.00 ($140.00) . . . .   -0-
Total Filing Fee . . . . $ 740.00
X   Assignment Recording Fee $40.00 . . . . $ 40.00

X   Oath or Declaration and Power of Attorney
   X New   X signed ___ unsigned
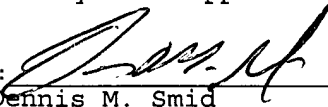   ___ Copy from a prior application (37 C.F.R. 1.63(d))

X   Certified copy of each of the following application(s) to substantiate
the claim(s) for priority made in the Declaration:

Application No.	Filed	In
00 125 435.8	20 November 2000	Europe

Please charge any additional fees required for the filing of this
application or credit any overpayment to Deposit Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By: _____
Dennis M. Smid
Reg. No. 34,930

450117-03690

"Express Mail" mailing label number _____ EV001420415US _____

Date of Deposit _____ November 19, 2001 _____

I hereby certify that this paper or fee, and a patent application and accompanying papers, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Office of Initial Patent Examination, 2900 Crystal Drive, Arlington, VA 22202

_____ *Charles Jackson* _____
(Typed or printed name of person mailing paper or fee)

_____ *Charles Jackson* _____
(Signature of person mailing paper or fee)